

PROACT FACT SHEET



An Environmental Resource sponsored by HQ Air Force Center for Environmental Excellence

Air Force Environmental Governing Documents

In October 1996, PROACT first published the *Air Force Environmental Governing Documents* Fact Sheet in response to the numerous requests we receive from installation environmental personnel for a useful compilation of environmental references. This fact sheet provides a summary of environmental references grouped by compliance category as presented in the Air Force Environmental, Safety, and Occupational Health Compliance Assessment and Management Program (ESOH CAMP), a supplement to The Environmental Assessment and Management (TEAM) Guide. This has always been one of PROACT's most popular fact sheets since it encompasses a broad range of Air Force environmental regulations. This version of *Air Force Environmental Governing Documents* contains references obtained from the revised June December 2004 ECAMP Supplement and includes references to the statutes that form the underlying basis for the regulations, policies, and guidance documents.

The contents of this fact sheet are not all-inclusive; yet, list all laws, regulations, executive orders, policy documents, and guidance pertinent to each environmental category. Specific questions on the application and interpretation of any governing document listed below may be directed to PROACT and **should be verified** with MAJCOM Environmental Engineering staff and/or the Office of the Judge Advocate. If you need additional information or assistance in obtaining the documents provided herein, please contact PROACT at DSN 240-4240 or <http://www.afcee.brooks.af.mil/pro-act/>.

Air Quality

Laws:

- *Clean Air Act (CAA)*, 42 United States Code (U.S.C.) § 7401, *et seq*
- *Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA)*, 42 U.S.C. § 11001, *et seq*.

What's Inside... Current as of May 2005

Air Quality	1
Hazardous Materials (HAZMAT)	2
Hazardous Waste	4
Solid Waste	5
Petroleum, Oils, and Lubricants (POLs)	5
Storage Tanks (Above Ground & Underground)	6
Toxic Substances (Asbestos, PCBs, LBP)	7
Pesticides	8
Wastewater	9
Drinking Water	9
Cultural Resources	10
Natural Resources	11
Other Environmental Areas	12

Federal Regulations:

- Title 40 CFR Parts 49 - 96, including:
 - ✓ Part 60, *Standards of Performance for New Stationary Sources*
 - ✓ Part 61, *National Emission Standards for Hazardous Air Pollutants*
 - ✓ Part 70, *State Operating Permit Program*
 - ✓ Part 71, *Federal Operating Permit Program*
 - ✓ Part 93, *Determining Conformity of Federal Actions to State/Federal Implementation Plans*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- Executive Order (EO) 11738, *Providing For Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants, or Loans*, 10 September 1973
- EO 12088, *Federal Compliance With Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

Acronyms

U.S.C.	United States Code
EO	Executive Order
DoDI	Department of Defense Instruction
DoDD	Department of Defense Directive
AFI	Air Force Instruction
ETL	Engineering Technical Letter
CFR	Code of Federal Regulations
AFMAN	Air Force Manual
AFJMAN	Air Force Joint Manual
T.O.	Technical Order
TIM	Technical Information Memorandum
AFOSH	Air Force Occupational Safety and Health Standard
AFPAM	Air Force Pamphlet
EPCRA	Emergency Planning and Community Right-to-Know Act
AFPD	Air Force Policy Directive
RCRA	Resource Conservation and Recovery Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
TSCA	Toxic Substances Control Act
MIL-HDBK	Military Handbook
CWA	Clean Water Act
CAA	Clean Air Act
NEPA	National Environmental Policy Act 1994

- EO 12843, *Procurement Requirements and Policies for Federal Agencies for ODSs*, 21 April 1993
- EO 13031, *Federal Alternative Fueled Vehicle Leadership*, 13 Dec 1996 (supersedes EO 12844, *Federal Use of Alternative Fueled Vehicles*)

- EO 12856, *Federal Compliance with Right-To-Know Laws and Pollution Prevention Requirements*, 3 August 1993
- EO 12969, *Federal Acquisition and Community Right-To-Know*, 8 August 1995

DoD & Air Force Policy/Guidance:

- Department of Defense Instruction (DoDI) 4715.4, *Prevention Control and Abatement*, 18 June 1996, CH 1.
- Air Force Instruction (AFI) 32-7040, *Air Quality Compliance*, 9 May 1994
- AFI 32-7086, *Hazardous Materials Management*, 1 August 1997
- AFI 48-119, *Medical Services Environmental Quality Programs*, 25 July 1994
- Technical Order (T.O.) 00-20B-5, *USAF Motor Vehicle and Vehicular Equipment Inspection*
- *Air Force Ban on Purchases of Ozone Depleting Chemicals (ODCs)*, Secretary of the Air Force and Air Force Chief of Staff, 7 January 1993
- *U.S. Air Force Conformity Guide*, HQ USAF/CEV, August 1995
- *Air Quality Procedures for Civilian Airports and Air Force Bases*, FAA/DoD/USAF, April 1997
- *Air Quality Management Using Pollution Prevention: A Joint Service Approach*, March 1998
- *Engineering Technical Letter (ETL) 98-2: Clean Air Act Amendments Requirements for Electric Generators and Power Plants*, HQ AFCEA/CES, January 1998
- *U.S. Air Force Commander's Guide to Environmental Quality*, USAF, July 1995

Hazardous Materials (HAZMAT)

Laws:

- *Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)*, 42 U.S.C. § 9601, *et seq.*
- *Hazardous Materials Transportation Act*, 49 U.S.C. § 5103.

- *Medical Waste Tracking Act of 1988, P.L. 100-582 (created RCRA Subtitle J, Demonstration Medical Waste Tracking Program)*
- *Occupational Safety and Health Act of 1970, 29 U.S.C. § 651, et seq*
- *Resource Conservation and Recovery Act of 1976 (RCRA), 42 U.S.C. § 6901, et seq.*
- *Toxic Substances Control Act of 1976 (TSCA), 15 U.S.C. § 2601, et seq.*
- *EPCRA, 42 U.S.C. § 11001, et seq.*

Federal Regulations:

- 29 CFR Part 1910, *Occupational Safety and Health Standards*
- 40 CFR Part 112, *Oil Pollution Prevention*
- 40 CFR Part 260, *Hazardous Waste Management System: General*
- 40 CFR Part 261, *Identification and Listing of Hazardous Waste*
- 40 CFR Part 262, *Standards Applicable to Generators of Hazardous Waste*
- 40 CFR Part 263, *Standards Applicable to Transporters of Hazardous Waste*
- 40 CFR Part 264, *Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities*
- 40 CFR Part 265, *Interim Status Standards for Owners and Operators of Hazardous Waste Treatment Storage and Disposal Facilities*
- 40 CFR Part 266, *Standards for the Management of Specific Hazardous Wastes and Specific Environmental Compliance*
- 40 CFR Part 268, *Land Disposal Restrictions*
- 40 CFR Part 300, *National Oil and Hazardous Substances Pollution Contingency Plan*
- 40 CFR Part 302, *Reportable Quantities of Hazardous Materials (Table 302.4)*
- 40 CFR Part 355, *Emergency Planning and Notification*
- 40 CFR Part 370, *Hazardous Chemical Reporting: Community Right-To-Know*

- 40 CFR Part 372, *Toxic Chemical Release Reporting: Community Right-To-Know*
- 49 CFR Part 171, *General Information, Regulations, and Definitions*
- 49 CFR Part 172, *Hazardous Materials Tables, Special Provisions, Hazardous Materials Communication Requirements and Emergency Response Information Requirements*
- 49 CFR Part 173, *Shippers, - General Requirements for Shipments and Packaging*
- Federal Standard 313D, *Material Safety Data, Transportation Data, and Disposal Data For Hazardous Materials Furnished to Government Activities*

DoD & Air Force Policy/Guidance:

- DoD 4500.9-R, *Defense Transportation Regulation*, May 2003
- DoD 4145.19-R-1, *Chapter 5, Section 4, Hazardous Commodities*, September 1979
- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- DoDI 6050.5, *DoD Hazard Communication Program*, 29 October 1990, Change 1, CH, 6 May 1996.
- AFI 10-2501, *Full Spectrum Threat Response Planning and Operations*, 24 December 2002
- AFI 32-1053, *Pest Management Program*, 1 April 1999
- AFI 32-7006, *Environmental Programs in Foreign Countries*, 29 April 1994
- AFI 32-7042, *Solid and Hazardous Waste Compliance*, 12 May 1994
- AFI 32-7086, *Hazardous Materials Management*, Under Revision
- Air Force Joint Manual (AFJMAN) 23-209, *Storage and Handling of Hazardous Materials*, 13 Jan 1999
- Air Force Manual (AFMAN) 23-110, Vol. 2, Part Two, Ch. 14, *Storage and Related Operations*, 1 January 2004
- AFMAN 23-110, Vol. 2, Part Two, Ch. 21, *Special Logistic Support Procedures*, 1 July 2004
- AFJMAN 23-210, *Joint Service Manual for Storage and Materials Handling*, 12 April 1994

- AFMAN 32-4013, *Hazardous Material Emergency Planning and Response Guide*, 1 August 1997
- AFOSH 91-501, Air Force Consolidated Occupational Safety Standard, Chapter 19, *Emergency Showers and Eyewash Units*, 16 September 2002
- AFOSH 48-21, *Hazard Communication*, 1 October 1993
- AFOSH 91-119, *Process Safety Management (PSM) of Highly Hazardous Chemicals*, 1 March 1996
- AFOSH 91-501, Air Force Consolidated Occupational Safety Standard, Chapter 14, *Personnel Protective Equipment*, 16 September 2002
- Air Force Policy Directive (AFPD) 23-2, *Supplies and Materiel Management*, 3 March 1993
- Air Force Policy Directive (AFPD) 23-5, *Re-using and Disposing of Material*, 23 March 2001
- AFJMAN 23-209, *Storage and Handling of Hazardous Material*, 13 January 1999
- ETL 95-1, *Halon 1301 Management Planning Guidance*, 12 May 1995
- *Air Force Ban on Purchases of Ozone Depleting Chemicals (ODCs)*, Secretary of the Air Force and Air Force Chief of Staff, 7 January 1993
- *Air Force Ozone Depleting Chemical (ODC) Interim Waiver Application, Approval Procedures, and Reporting Requirements*, HQ USAF/CVA, 14 July 1993
- *Air Force Facilities Refrigerant Management Handbook*, HQ AFCEA/CEVV, 23 August 1994
- *Hazardous Material Pharmacy – Commander’s “How to Guide,”* HQ AFCEE, October 1994
- *Hazardous Material Pharmacy – Facility Planning and Design Guide*, HQ AFCEE, March 1999
- *Prohibition on Purchase of Environmentally Hazardous Runway Deicing Chemicals*, HQ USAF/CE, 31 March 1992

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21

April 2000 Executive Orders:

- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of Section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991
- EO 12843, *Procurement Requirements and Policies for Federal Agencies for Ozone Depleting Substances*, 21 April 1993

Misc:

- *Fire Protection Guide to Hazardous Materials*, National Fire Protection Association (NFPA), 1997
- *Emergency Management of Hazardous Materials Incidents*, NFPA, 1994

Hazardous Waste

Laws:

- *Occupational Safety and Health Act of 1970*, 29 U.S.C. § 651, *et seq.*
- *RCRA*, 42 U.S.C. § 6901, *et seq.*

Federal Regulations:

- 29 CFR 1910.120, *Hazardous Waste Operations and Emergency Response*
- 40 CFR Part 260, *Hazardous Waste Management System: General*
- 40 CFR Part 261, *Identification and Listing of Hazardous Waste*
- 40 CFR Part 262, *Standards Applicable to Generators of Hazardous Waste*
- 40 CFR Part 263, *Standards Applicable to Transporters of Hazardous Waste*
- 40 CFR Part 264, *Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities*
- 40 CFR Part 265, *Interim Status Standards for Owners and Operators of Hazardous Waste Treatment Storage and Disposal Facilities*
- 40 CFR Part 266, *Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities*
- 40 CFR Part 268, *Land Disposal Restrictions*

- 40 CFR Part 273, *Standards for Universal Waste Management*
- 49 CFR Parts 172-179, *Transportation Regulations*

DoD & Air Force Policy/Guidance:

- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- AF Hazardous Waste Management Policy, HQ USAF/CV, December 1997
- AFI 32-7042, *Solid and Hazardous Waste Compliance*, 12 May 1994
- Air Force Pamphlet (AFPAM) 32-7043, *Hazardous Waste Management Guide*, 1 November 1995
- Air Force Policy on the Application of RCRA to Conventional Explosive Ordnance Operations, HQ USAF/CEV, 21 January 1994
- ANG Hazardous Waste Disposal Guide for Common ANG Waste Streams, Hazardous Waste Program Office, June 1997

Solid Waste

Laws:

- Federal Facility Compliance Act of 1992, P.L. 102-386
- RCRA, 42 U.S.C. § 6901, *et seq.*

Federal Regulations:

- 29 CFR 1910.130, Blood Pathogens
- 40 CFR Part 240, *Guidelines for the Thermal Processing of Solid Waste*
- 40 CFR Part 243, *Guidelines for the Storage and Collection of Residential, Commercial, and Institutional Solid Waste*
- 40 CFR Part 246, *Source Separation for Materials Recovery Guidelines*
- 40 CFR Part 258, *Criteria for Municipal Solid Waste Landfills*
- 7 CFR Part 330, *Federal Plant Pest Regulations, General, Plant Pests, Soil, Stone and Quarry Products, Garbage*
- *Test Methods for Evaluating Solid Waste, Physical and Chemical Methods*, USEPA Publication SW-846

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

DoD & Air Force Policy/Guidance:

- AFI 32-7042, *Solid and Hazardous Waste Compliance*, 12 May 1994
- ETL 86-8, *Aqueous Film Forming Foam Waste Discharge Retention and Disposal*, 4 June 1986
- AFI 32-7080, *Pollution Prevention Program*, 12 May 1994
- AFI 32-7006, *Environmental Program In Foreign Countries*, 29 April 1994
- DoDI 4715.4, *Pollution Prevention*, Change 1, 6 July 1998
- Air Force Recycling Policy, 13 October 1993, HQ USAF/CE
- DoD 4160.21-M, Ch. IX, *Defense Reutilization and Marketing Manual*, August 1997

Petroleum, Oils, and Lubricants (POLs)

Laws:

- CERCLA, 42 U.S.C. § 9601, *et seq.*
- Deepwater Port Act, 33 U.S.C. § 1501, *et seq.*
- RCRA, 42 U.S.C. § 6901, *et seq.*
- Clean Water Act, 33 U.S.C. § 1251, *et seq.*
- Oil Pollution Act of 1990 (OPA), 33 U.S.C. § 2701, *et seq.*

Federal Regulations:

- 33 CFR Part 153, *Control of Pollution by Oil and Hazardous Substances, Discharge Removal*
- 40 CFR Part 110, *Discharge of Oil*

- 40 CFR Part 112, *Oil Pollution Prevention* (includes Spill Prevention Control & Countermeasures [SPCC] Plans)
- 40 CFR Part 279, *Standards for the Management of Used Oil*
- 40 CFR Part 300, *National Oil and Hazardous Substances Pollution Contingency Plan*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991
- EO 12777, *Implementation of Section 311 of The Federal Water Pollution Control Act of 18 October 1972, as amended, and the Oil Pollution Act of 1990*, 21 April 1993

DoD & Air Force Policy/Guidance:

- DoD 4140.25-M, Vol. II, Ch. 8, *Management of Storage and Distribution Systems*, June 1994
- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- AFI 13-212, Vol. 1, *Range Planning and Operations*, 7 August 2001
- Military Handbook (MIL-HDBK)-1022A, *Petroleum Fuel Facilities*, 1 November 1999
- AFI 23-201, *Fuels Management*, 1 August 1999
- AFI 23-502, *Recoverable and Unusable Liquid Petroleum Products*, 6 April 1994
- Technical Order (T.O.) 00-25-172, *Ground Servicing of Aircraft and Static Grounding*
- T.O. 35-1-3, *Corrosion Prevention, Painting and Marking of USAF Support Equipment*
- T.O. 36-1-3, *Painting, Marking, and Lighting Requirements for USAF Vehicles*
- T.O. 42B-1-1, *Quality Control of Fuels and Lubricants*

- T.O. 42B-1-23, *Management of Recoverable and Waste Liquid Petroleum Products*

Storage Tanks (Above Ground & Underground)

Laws:

- *Resource Conservation and Recovery Act of 1976 (RCRA)*, 42 U.S.C. § 6901, *et seq.*

Federal Regulations:

- 40 CFR Part 112, *Oil Pollution Prevention*
- 40 CFR Part 279, *Standards for the Management of Used Oil*
- 40 CFR Part 280, *Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

DoD & Air Force Policy/Guidance:

- AFI 23-201, *Fuels Management*, 1 August 1999
- AFI 23-204, *Organizational Fuel Tanks*, 27 April 1994
- AFI 32-7044, *Storage Tank Compliance*, 13 November 2003
- AFI 32-1054 *Corrosion Control*, 1 March 2000
- AFMAN 23-110, *USAF Supply Manual*, 1 January 2004, Vol. I, Part 3, Ch. 1, *Bulk Petroleum Fuels Management Category, Fuels Division*

- T.O. 37-1-1, *General Operation and Inspection of Installed Fuel Storage and Dispensing Systems*

Toxic Substances (Asbestos, PCBs, LBP)

Laws:

- TSCA, 15 U.S.C. § 2605, *et seq.*
- Asbestos Hazard Emergency Response Act (AHERA), 15 U.S.C. § 2641, *et seq.*
- Lead Contamination Control Act, 42 U.S.C. § 201
- Residential Lead-Based Paint Hazard Reduction Act (LBPBRA), P.L. 102-550 (Title X of the Housing and Community Development Act)
- Lead-Based Paint Poisoning Prevention Act (LBPBPA), 42 U.S.C. § 4822, *et seq.*

Federal Regulations:

- 16 CFR Part 1303, *Ban of Lead-Containing Paint, and Certain Consumer Products Bearing Lead-Containing Paint*
- 24 CFR Part 35, *Lead-Based Paint Poisoning Prevention in Certain Residential Structures*
- 29 CFR Part 1910, *Occupational Safety and Health Standards*
- 29 CFR Part 1926, *Safety and Health Regulations*
- 40 CFR Part 61, *National Emission Standards for Hazardous Air Pollutants, Subpart M, National Emissions Standard for Asbestos*
- 40 CFR 745.226, *Certification of Individuals and Firms Engaged In Lead-Based Paint Activities: Target Housing and Child-Occupied Facilities*
- 40 CFR Part 761, *Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions*
- 40 CFR Part 763, *Asbestos, Subpart E, Asbestos-Containing Materials in Schools*
- 49 CFR Parts 172-177, *Transportation of Hazardous Materials*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

DoD & Air Force Policy/Guidance:

- AF Policy Letter, *Instructions for Facilities at Closure Bases*, 4 November 1993
- AFI 32-1052, *Facility Asbestos Management*, 22 March 1994
- AFOSH 48-8, *Controlling Exposures to Hazardous Materials*, Attachment 9, *Occupational Exposure to Asbestos*, 1 September 1997
- Air Force Policy and Guidance on Lead-Based Paint in Facilities, HQ USAF/CC, 24 May 1993
- Asbestos Policy for Closure Bases, Office of the Under Secretary of Defense, 31 October 1994
- Asbestos, Lead Paint and Radon Policies at BRAC Properties, DoD, 31 October 1994
- Asbestos, Lead Paint and Radon Policies in BRAC Facilities, USAF, 10 November 1994
- Lead Exposure Hazard Management Guide, Armstrong Laboratory, December 1993
- Lead-Based Paint (LBP) Instruction for Facilities at Closure Installations, HQ USAF/SGPA, 2 December 1993
- Policy and Guidance on LBP Final Disclosure Rule, HQ USAF/CEV, 19 August 1996
- The Child Blood Lead Screening Program, HQ AFMOA/SGP, 2 April 1993
- Funding Clarification for Asbestos Related Activities, 25 February 1999

Misc:

- *Guidance on Residential Lead-Based Paint, Lead-Contaminated Dust, and Lead-Contaminated Soil*, EPA, 14 July 1994
- *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, Department of Housing and Urban Development (HUD), June 1995
- *Residential Sampling for Lead: Protocols for Dust and Soil Sampling, Final Report*, EPA, March 1995

Pesticides

Laws:

- *Federal Insecticide, Fungicide, and Rodenticide Act*, 7 U.S.C. § 136, *et seq.*
- *Management of Undesirable Plants on Federal Lands* 7 U.S.C. § 2814, *et seq.*

Federal Regulations:

- 40 CFR Part 152, *Pesticide Registration and Classification Procedures*
- 40 CFR Part 166, *Exemption of Federal and State Agencies for Use of Pesticides Under Emergency Conditions*
- 40 CFR Part 171, *Certification of Pesticide Applicators*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance With Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

Air Force & DoD Policy/Guidance:

- DoD 4150.7-P, *DoD Plan for the Certification of Pesticide Applicators*, 30 September 1996
- DoD MIL-HDBK 1028/8A, *Design of Pest Management Facilities*, 1 November 1991

- DoD 4145.19-R, *Storage and Materials Handling*, September 1979
- DoDI 4150.7, *DoD Pest Management Program*, 26 April 1996 (supplemented by Armed Forces Pest Management Board [AFPMB] Technical Information Memoranda [TIMs])
- Technical Information Memorandum (TIM) 11, *Hydrogen Phosphide Fumigation with Aluminum Phosphide*, February 1987
- TIM 13, *Ultra Low Volume Dispersal of Insecticides by Ground Equipment*, March 1985
- TIM 14, *Personal Protective Equipment for Pest Management Personnel*, March 1992
- TIM 15, *Pesticide Spill Prevention and Management*, June 1992
- TIM 16, *Pesticide Fires: Prevention, Control, and Cleanup*, June 1981
- TIM 18, *Installation Pest Management Program Guide*, February 1987
- TIM 20, *Pest Management Operations in Medical Treatment Facilities*, October 1989
- TIM 21, *Pesticide Disposal Guide for Pest Control Shops*, October 1986
- TIM 24, *Contingency Pest Management Pocket Guide*, September 1991
- TIM 25, *Devices for Electrocution of Flying Insects*, August 1988
- TIM 26, *Lyme Disease Vector Surveillance and Control*, March 1990
- TIM 27, *Stored Products Pest Monitoring Techniques*, June 1992
- TIM 29, *Integrated Pest Management In and Around Buildings*, July 1994
- TIM 34, *Bee Resource Manual*, August 1995
- TIM 35, *Termite Inspection Recommendations*, February 1996
- TIM 36, *Personal Protective Techniques Against Insects and Other Arthropods of Military Significance*, January 1996
- AFI 32-1053, *Pest Management Program*, 1 April 1999
- AFI 32-1074, *Aerial Application of Pesticides*, 1 May 1998
- AFI 48-102, *Medical Entomology Program*, 6 December 1993
- AFJMAN 23-210, *Joint Service Manual (JSM) for Storage and Materials Handling*, 12 April 1994

- AFMAN 91-19, *Joint Service Technical Manual for Weed Control and Plant Growth Regulation*, 24 May 1989
- AFOSH 48-137, *Respiratory Protection Program*, 1 November 1998

Wastewater

Laws:

- CWA, 33 U.S.C. § 1251, *et seq.*
- *Federal Facility Compliance Act of 1992*, P.L. 102-386

Federal Regulations:

- 40 CFR Part 122, *USEPA Administered Permit Programs: The NPDES System*
- 40 CFR Part 136, *Test Procedures for the Analysis of Pollutants*
- 40 CFR Part 403, *General Pretreatment Regulations for Existing and New Sources of Pollution*
- 40 CFR Part 413, *Electroplating Point Source Category*
- 40 CFR Part 433, *Metal Finishing Point Source Category*
- 40 CFR Part 459, *Photographic Point Source Category*
- 40 CFR Part 460, *Hospital Point Source Category*
- 40 CFR Part 503, *Standards for the Use or Disposal of Sewage Sludge*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991
- EO 12777, *Implementation of Section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

DoD & Air Force Policy/Guidance:

- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- AFI 32-1067, *Water Systems*, 25 March 1994
- AFI 32-7041, *Water Quality Compliance*, 10 December 2003
- AFI 48-119, *Medical Service Environmental Quality Programs*, 25 July 1994
- *Double Liner and Leak Detection System Requirements for New Aircraft Crash Fire Rescue Training Facilities (CFRTF)*, HQ USAF/CE, 1 September 1995
- *Oil/Water Separators Operations, Maintenance, and Construction*, HQ USAF/CE, 21 Oct 1994
- Office of Management and Budget (OMB) Circ. A-106, *Federal Facilities Pollution Abatement Plan*

Drinking Water

Laws:

- *Safe Drinking Water Act of 1996 (SDWA)*, 42 U.S.C. § 300f, *et seq.*

Federal Regulations:

- 40 CFR Part 141, *National Primary Drinking Water Regulations*
- 40 CFR Part 142, *National Primary Drinking Water Regulations Implementation*
- 40 CFR Part 143, *National Secondary Drinking Water Regulations*
- 40 CFR Part 149, *Sole Source Aquifers*

Executive Orders:

- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12088, *Federal Compliance with Pollution Control Standards*, 13 October 1978, as amended by EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991

DoD & Air Force Policy/Guidance:

- DoDD 6230.1, *Safe Drinking Water*, 24 April 1978
- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- AFI 32-1066, *Plumbing Systems*, 4 May 1994
- AFI 32-1067, *Water Systems*, 25 March 1994
- AFOSH 91-10, *Civil Engineering*, July 1998
- *Air Force Implementation of EPA Regulations on Lead and Copper in Drinking Water*, HQ AFMOA/SGPA, 24 August 1992
- ETL 87-1, *Lead Ban Requirements of Drinking Water*, 15 January 1987
- *Implementation of National Primary Drinking Water Regulations for Lead and Copper*, HQ USAF/CEV and USAF/SGPA, 27 September 1991
- *Implementation of National Primary Drinking Water Regulations Phases II and V Status*, HQ AFMOA/SGPA, 20 April 1994
- *Safe Drinking Water Act (SDWA) Compliance*, AF Action Memorandum, 20 December 1993
- *Safe Drinking Water Act Requirements for Public Notification*, HQ USAF/SG, 5 May 1989
- *Safe Drinking Water Act Requirements for Synthetic Organic Chemicals and Inorganic Chemicals*, HQ USAF/SGP, 6 March 1991
- *Safe Drinking Water Act Requirements for Total Coliforms*, HQ USAF/SGP, 2 October 1990
- *Safe Drinking Water Act Requirements for Volatile Synthetic Chemicals*, HQ USAF/LEE, 24 March 1988
- *Safe Drinking Water Act Requirements for Volatile Synthetic Compounds*, HQ USAF/LEE, 28 December 1987, HQ USAF/SGP
- *Water Testing in Child Development Centers*, HQ USAF/SG, 21 October 1992
- *Wellhead Protection Program*, HQ USAF/LEEV, 28 November 1989
- *Consumer Confidence Reporting (CCR) Requirements*, HQ AFMOA/SGOE & HQ USAF/ILEV, April 1999

Cultural Resources

Laws:

- *American Antiquities Act of 1906*, 16 U.S.C. § 431, *et seq.*
- *American Indian Religious Freedom Act of 1978*, 42 U.S.C. § 1996
- *Archaeological Resources Protection Act of 1979, as amended*, 16 U.S.C. § 470aa, *et seq.*
- *Archeological and Historic Preservation Act of 1974*, 16 U.S.C. § 469, *et seq.*
- *Historic Sites, Buildings, Objects, and Antiquities Act of 1935*, 16 U.S.C. § 461, *et seq.*
- *National Environmental Policy Act of 1969*, 42 U.S.C. § 4321
- *National Historic Preservation Act of 1966, as amended*, 16 U.S.C. § 470, *et seq.*
- *Native American Graves Protection and Repatriation Act of 1990 (NAGPRA)*, 25 U.S.C. § 3001, *et seq.*
- *DoD Legacy Resource Management Program*, P.L. 101-511

Federal Regulations:

- 32 CFR Part 229, *Protection of Archaeological Resources: Uniform Regulations*
- 36 CFR Part 60, *National Register of Historic Places*
- 36 CFR Part 61, *Procedures for State, Tribal, and Local Government Historic Preservation Programs*
- 36 CFR Part 63, *Determinations of Eligibility for Inclusion in the National Register*
- 36 CFR Part 65, *National Historic Landmark Criteria for Evaluation*
- 36 CFR Part 79, *Curation of Federally-Owned and Administered Archaeological Collections*
- 36 CFR Part 800, *Protection of Historic and Cultural Properties*
- 36 CFR Part 805, *Procedures for Implementation of the National Environmental Policy Act*
- 41 CFR Part 101, *Federal Property Management Regulations*
- 43 CFR Part 3, *Preservation of American Antiquities*
- 43 CFR Part 7, *Protection of Archeological Resources*

- 43 CFR Part 10, *Native American Graves Protection and Repatriation Regulations*

Executive Orders:

- EO 13287, *Preserve America*, 3 March 2003
- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 11593, *Protection and Enhancement of the Cultural Environment*, 13 May 1971
- EO 13006, *Locating Federal Facilities on Historic Properties In Our Nation's Central Cities*, 21 May 1996
- EO 13101, *Greening the Government through Waste Prevention Recycling and Federal Acquisition*, 14 September 1998
- EO 13007, *Indian Sacred Sites*, 24 May 1996

DoD & Air Force Policy/Guidance:

- DoD 4710.1, *Archeological and Historical Resource Management*, 21 June 1984
- DoDI 4715.3, *Environmental Conservation Program*, 3 May 1996
- Department of Defense American Indian and Alaska Native Policy, 20 October 1998
- *Memorandum of Agreement for Cooperative Actions In Cultural Resource Management On Military Lands Between the Department of Defense and The National Trust for Historic Preservation*, 30 September 1993
- AFI 32-7064, *Integrated Natural Resources Management*, 1 August 1997
- AFI 32-7065, *Cultural Resources Management Program*, 1 June 2004
- *Preserving Scientific and Technical Facilities*, HQ USAF/CEV, 1 July 1991
- *Historic Preservation at Closure Installations*, SAF/MI, 20 August 1992
- *Historical Significance of Cold War Materials*, Deputy Assistant Secretary of the Air Force (ESOH), 9 October 1992
- *Interim Guidance for Cold War Resources*, HQ USAF/CE, 29 June 1993
- *Memorandum of Agreement (MOA) with the National Trust for Historic Preservation*, HQ USAF/CEV, 19 November 1993

Natural Resources

Laws:

- *Bald Eagle Protection Act*, 16 U.S.C. § 668
- *CWA*, 33 U.S.C. § 1251, *et seq.*
- *Coastal Barrier Resource Act*, 16 U.S.C. § 3501, *et seq.*
- *Coastal Zone Management Act*, 16 U.S.C. § 1451, *et seq.*
- *Endangered Species Act of 1973*, 16 U.S.C. § 1531, *et seq.*
- *Federal Land Policy and Management Act of 1976*, 43 U.S.C. § 1701, *et seq.*
- *Fish and Wildlife Conservation Act*, 16 U.S.C. § 2901, *et seq.*
- *Fish and Wildlife Coordination Act*, 16 U.S.C. § 661, *et seq.*
- *Marine Mammal Protection Act*, 16 U.S.C. § 1361
- *Migratory Birds Conservation Act*, 16 U.S.C. § 715
- *Migratory Birds Treaty Act*, 16 U.S.C. § § 703-712
- *National Environmental Policy Act (NEPA) of 1969*, 42 U.S.C. § 4341, *et seq.*
- *Noise Control Act of 1972*, 42 U.S.C. § 4901, *et seq.*
- *Rivers and Harbors Act of 1899*, 33 U.S.C. § § 401, 403, 407, & 413
- *Safe Drinking Water Act*, 42 U.S.C. § 300f, *et seq.*
- *Sikes Act Reauthorization Act Of 2003*
- *Soil and Water Conservation Act*, 16 U.S.C. § 2001, *et seq.*
- *Timber Sales on Federal Lands*, 16 U.S.C. § 1131, *et seq.*
- *Wild Horses & Burros Act*, 16 U.S.C. § 1331
- *Wilderness Act*, 16 U.S.C. § 1131

Federal Regulations:

- 15 CFR Part 923, *Coastal Zone Management Program Regulations*
- 15 CFR Part 930, *Federal Consistency With Approved Coastal Management Programs*

- 23 CFR Part 771, *Environmental Impact and Related Procedures*
- 40 CFR 1508.18, *Major Federal Action*
- 44 CFR Part 71, *Implementation of Coastal Barrier Legislation*
- 44 CFR Part 206 (Subpart J), *Coastal Barrier Resources Act*
- 50 CFR Part 17, *Endangered and Threatened Wildlife and Plants (lists)*
- 50 CFR Part 29, *Land Use Management*
- 50 CFR Part 35, *Wilderness Preservation and Management*
- 50 CFR Part 83, *Rules Implementing the Fish and Wildlife Conservation Act of 1980*
- 50 CFR Part 402, *Interagency Cooperation - Endangered Species Act 1973, as amended*
- AFI 91-202, *The U.S. Air Force Mishap Prevention Program*, 1 August 1998
- AFPAM 91-212, *BASH Management Techniques*, 1 February 2004
- AFPD 32-70, *Environmental Quality*, 20 July 1994
- *Conserving Biodiversity on Military Lands - A Handbook for Natural Resources Managers*, 1996
- *Guide to Integrated Natural Resources Management*, April 1997
- *Planning Range Management*, HQ USAF/LEEV, 1 March 1989
- Secretary of the Air Force Order 780.1, *Wetlands*
- Secretary of the Air Force Order 790.1, *Floodplains*
- *Wildlife, Waterfowl, and Wetlands Memorandum of Agreement (MOA) with US Fish & Wildlife Service*, HQ USAF/CEV, 22 January 1993

Executive Orders:

- EO 11514, *Protection and Enhancement of Environmental Quality*, 5 March 1970
- EO 11644, *Off-Road Vehicles on Federal Land*, 8 February 1972, as amended by EO 11989, *Off-Road Vehicles on Public Lands*, 24 May 1977
- EO 11988, *Floodplains Management*, 24 May 1977, as amended by EO 12148, *Federal Emergency Management*, 20 July 1979
- EO 11990, *Protection of Wetlands*, 24 May 1977

DoD & Air Force Policy/Guidance:

- *DoD Management of Cultural and Natural Resources: Air Force Training Module*
- DoDD 4700.4, *Natural Resources Management Program*, 24 January 1989
- DoDI 4715.3, *Environmental Conservation Program*, 3 May 1996
- DoD 7000.14-R, *Financial Management Regulations*, April 2001
- AFI 13-212, Vol. 1, *Range Planning and Operations*, 7 August 2001
- AFI 32-7001, *Environmental Budgeting*, 9 May 1994
- AFI 32-7061, *Environmental Impact Analysis Process*, 12 March 2003
- AFI 32-7064, *Integrated Natural Resources Management*, 1 August 1997
- AFI 32-7065, *Cultural Resources Management*, 13 June 1994
- AFI 32-9003, *Granting Temporary Use of Air Force Real Property*, 19 August 1997

Other Environmental Areas

Environmental Impact Analysis:

- *Base Closures and Realignment*, 10 U.S.C. § 2687, *et seq.*
- *Clean Air Act Amendments of 1990*, 42 U.S.C. § 7506(c) (Air Conformity)
- *Engle Act*, 43 U.S.C. § 155-158
- *NEPA*, 42 U.S.C. § 4321, *et seq.*
- *Pollution Prevention Act of 1990 (PPA)*, 42 U.S.C. § 13101, *et seq.*
- 40 CFR Parts 1500-1508, *Council on Environmental Quality Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act*
- EO 11988, *Floodplain Management*, 24 May 1977
- EO 11990, *Protection of Wetlands*, 24 May 1977
- EO 12114, *Environmental Effects Abroad of Major Federal Actions*, 4 January 1979
- EO 12372, *Intergovernmental Review of Federal Programs*, 14 July 1982
- EO 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, 11 February 1994

- DoDD 6050.7, *Environmental Effects Abroad of Major Department of Defense Actions*, 31 March 1979
- DoDI 5000.2, *Defense Acquisition Management Policies and Procedures*, 23 February 1991 (with Change 1 and with Air Force Supplement 1, *Acquisition Management Policies*, 31 August 1993, with Change 1)
- AFI 32-1021, *Planning and Programming of Facility Construction Projects*, 24 January 2003
- AFI 32-7002, *Environmental Information Management System*, 31 May 1994
- AFI 32-7061, *The Environmental Impact Analysis Process (EIAP)*, 12 March 2003
- AFI 32-7062, *Air Force Comprehensive Planning*, 1 October 1997
- AFI 32-7064, *Integrated Resources Management*, 1 August 1997
- AFI 32-7080, *Pollution Prevention Program*, 12 May 1994
- AFI 37-138, *Records Disposition-Procedures and Responsibilities*, 31 March 1994
- AFD 32-70, *Environmental Quality*, 20 July 1994
- *Environmental Impact Analysis Process (EIAP) and Related Compliance Documents*, 3 January 1994, HQ USAF/CEV
- *Federal Register Publication Information*, USAF/CEV, 2 November 1993
- *MAJCOM Environmental Protection Committee (EPC) Coordination of EIAP Documents*, USAF, 26 August 1994

Environmental Noise:

- *Aviation Safety & Noise Abatement Act*, 49 U.S.C. § 47501
- *Noise Control Act*, 42 U.S.C. § 4901, *et seq.*
- 32 CFR Part 256, *Air Installations Compatible Use Zones (AICUZ)*
- OMB Circular 75-2, *Compatible Land Uses at Federal Airfields*, 26 March 1996
- DoDI 4165.57, *Air Installations Compatible Use Zones (AICUZ)*, 8 November 1977
- AFI 13-201, *Air Force Airspace Management*, 1 April 1998
- AFI 32-7063, *Air Installation Compatible Use Zone Program (AICUZ)*, 17 April 2002

- Air Force Handbook (AFH) 32-7084, *AICUZ Program Manager's Guide*, 1 March 1999
- *New Land Use Compatibility Policy for Shopping Malls and Shopping Centers for the AICUZ Program*, 9 July 1993

Environmental Restoration:

- *CERCLA*, 42 U.S.C. § 9601, *et seq.*, Section 120, *Federal Facilities*
- *RCRA*, 42 U.S.C. § 6901, *et seq.*
- *Superfund Amendments and Reauthorization Act of 1986 (SARA)*, including Section 211, *Defense Environmental Restoration Program (DERP)*, 10 U.S.C. § 2701, *et seq.*
- 40 CFR Part 300, *National Contingency Plan*
- EO 12580, *Superfund Implementation*, 23 January 1987, as amended by EO 12777, *Implementation of Section 311 of the Federal Water Pollution Control Act of October 18, 1972, as amended, and the Oil Pollution Act of 1990*, 18 October 1991
- DoDI 4715.7, *Environmental Restoration Program*, 22 April 1996
- *Management Guidance for the Defense Environmental Restoration Program*, DUSD/ES, March 1998
- AFI 32-7001, *Environmental Budgeting*, 9 May 1994
- AFI 32-7020, *The Environmental Restoration Program*, 7 February 2001
- AFI 32-7066, *Environmental Baseline Surveys in Real Estate Transactions*, 25 April 1994
- *1996/1997 Air Force Environmental Restoration Program Management Guidance*, HQ USAF/CEVR, 28 June 1995
- *Air Force Remedial Project Manager's Handbook (The "Green Book")*, under revision for 1999, HQ USAF/ILE
- *Air Force Authority in the IRP*, HQ USAF, 18 September 1990

Pollution Prevention (P2):

- *Pollution Prevention Act of 1990*, 42 U.S.C. § 13101, *et seq.*
- *EPCRA*, 42 U.S.C. § 11001, *et seq.*

- *Disposal of Recyclable Materials*, 10 U.S.C. § 2577
- EO 13148, *Greening the Government Through Leadership in Environmental Management*, 21 April 2000
- EO 12902, *Energy Efficiency and Water Conservation at Federal Facilities*, 8 March 1994
- EO 12856, *Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements*, 3 August 1993
- EO 12873, *Federal Acquisition, Recycling, and Waste Prevention*, 20 October 1993
- EO 13101, *Greening the Government through Waste Prevention Recycling and Federal Acquisition*, 14 September 1998
- DoDI 4715.4, *Pollution Prevention*, 6 July 1998
- DoDI 4715.6, *Environmental Compliance*, 24 April 1996
- DoDI 7310.1, *Disposition of Proceeds from DoD Sales of Surplus Personal Property*, 10 July 1989
- *Policy for DoD Recycling*, DUSD(ES), 26 July 1993
- AFI 32-7086, *Hazardous Materials Management Process*, 1 August 1997
- AFI 32-7080, *Pollution Prevention Program*, 12 May 1994
- *Air Force Ban on Purchases of ODCs*, AF Action Memorandum, 7 January 1993
- *Air Force Policy on Using Recycled Products*, AF Action Memorandum, 25 September 1992
- *Air Force Pollution Prevention Program*, AF Action Memorandum, 7 January 1993
- *Pollution Prevention in Air Force Acquisition Programs*, SAF/AQ, 23 December 1993
- *Air Force Pollution Prevention Strategy*, CSAF & SECAF, 24 July 1995

Program Management:

- AFI 13-212, *Range Planning and Operations*, 7 August 2001
- AFI 32-7001, *Environmental Budgeting*, 9 May 1994
- AFI 32-7002, *Environmental Management System*, 31 May 1994
- AFI 32-7005, *Environmental Protection Committees*, 25 February 1994
- AFI 32-7047, *Compliance Tracking and Reporting*, 31 March 1994
- AFI 32-7066, *Environmental Baseline Survey in Real Estate Transactions*, 25 April 1994

Fact sheets are produced by PROACT, a service of the Headquarters Air Force Center for Environmental Excellence (HQ AFCEE/TDN), Brooks-City Base and are intended as general guidance to inform Air Force personnel. This fact sheet does not, nor is intended to, specify all federal, state, Department of Defense, or Air Force requirements. Visit PROACT on the web at <http://www.afcee.brooks.af.mil/pro-act> or contact us at DSN 240-4240, (800) 233-4356, or by email at pro-act@brooks.af.mil.